
STATE OF SOUTH AUSTRALIA.

**Report on the Factories and Works Statistics for the Year
1938-39 and Summary Returns**

BY

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(BULLETIN No. 12 of 1940).

STATE OF SOUTH AUSTRALIA.—REPORT BY THE
GOVERNMENT STATIST ON THE FACTORIES AND
WORKS FOR THE YEAR ENDED 30TH JUNE, 1939.

SINCE 1931-32, the year of lowest levels, there has been a steady improvement in the Secondary Industries of the State, and whilst the year 1938-39 was not quite equal to the previous year 1937-38, it may still be considered one of the best on record.

Establishments and Hands.—2,067 establishments were in operation during the year, an increase of 87. The average number of persons employed for the whole year was 43,371, a decrease of 713, or 1·62 per cent. Although the average number of employees, 43,371, was below the record year 1937-38, it still ranks as the second greatest number ever registered in factory employment. Included in the hands employed are 1,578 working proprietors.

Salaries and Wages.—The salaries and wages earned for the year totalled £8,547,462, an increase of £134,487, or 1·60 per cent. The salaries and wages for the working proprietors included amounted to £378,112. The average earned per employee was £6 4s. 9d. more than the previous year, the totals being, £197 1s. 7d. (£190 16s. 10d.). Per male employee, £221 16s. (£213 6s. 7d.), per female employee, £87 3s. 7d. (£86 7s. 7d.).

Materials, Etc., Used.—The material used or treated was valued at £20,308,797, a decrease of £1,161,127, in addition, fuel, light, water, and lubricating oils used, £1,017,537, an increase of £67,679.

The Output for the year was valued at £35,005,264, a decrease of £1,234,673, or 3·41 per cent.

The Production Value, that is, the value added to material by the process of manufacture or treatment, was estimated at £13,678,930, a decrease of £141,225, or 1·02 per cent. The production value for 1938-39 was the second highest ever recorded.

Margin.—After accounting for the expenditure items—Salaries and wages, fuel and light, and materials used aggregating £29,873,796, the margin left to meet all miscellaneous expenses and profit was £5,131,468, a decrease of £275,712, or 5·10 per cent.

A. W. BOWDEN, Government Statist, Etc.

Statistical Office, Adelaide, 6th May, 1940.

1. ESTABLISHMENTS, HANDS, POWER.

Item.	1936-37.	1937-38.	1938-39.	Increase on 1937-38.
	No.	No.	No.	No.
Establishments.....	1,916	1,980	2,067	87
Employees (including Working Proprietors)—				
Males	33,400	36,274	35,406	—868
Females	7,310	7,810	7,965	155
Total	40,710	44,084	43,371	—713
Working Proprietors—				
Males	1,405	1,448	1,498	50
Females	69	80	80	—
Total	1,474	1,528	1,578	50
Horsepower—				
Establishments using power ..	1,731 H.P.	1,783 H.P.	1,879 H.P.	96 H.P.
Rated horsepower of engines (in use or idle)—				
1. Steam	146,379	174,262	173,968	—294
2. Electric	85,706	94,087	100,214	6,127
3. Oil	17,671	20,188	21,973	1,785
4. Gas	6,367	6,267	6,210	—57
5. Other	—	—	1	1
Total	256,123	294,804	302,366	7,562

2. CHIEF EXPENDITURE ITEMS.

Item.	1936-37.	1937-38.	1938-39.	Increase on 1937-38.
	£	£	£	£
1. Materials—				
Raw materials	20,212,171	20,162,671	18,973,143	—1,189,528
Containers, etc.	612,804	712,959	696,633	—16,326
Tools replaced, repairs, etc.	574,830	594,294	639,021	44,727
Total	21,399,805	21,469,924	20,308,797	—1,161,127
2. Fuel, light, water, etc.	856,808 Tons.	949,858 Tons.	1,017,537 Tons.	67,679 Tons.
Coal (a)	282,655	295,831	302,937	7,106
Coke (a)	88,269	87,781	86,828	—953
Wood	88,247	110,619	112,653	2,034
Fuel oils (a)	98,007	114,049	132,539	18,490
Gas	22,121	24,450	24,129	—321
Electricity	290,541	320,767	336,426	15,659
Lubricating oils (a)	29,560	32,722	35,498	2,776
Water	43,328	46,475	49,950	3,475
3. Salaries and wages (b)—				
Males	6,905,161	7,738,348	7,853,084	114,736
Females	613,078	674,627	694,378	19,751
Total	7,518,239	8,412,975	8,547,462	134,487
Salaries of W.P. included above ..	345,601	369,815	378,112	8,297
4. Margin for overhead expenses and profit	4,753,324	5,407,180	5,131,468	—275,712

(a) Including those portions classified as materials used.

(b) Including salaries and wages earned by working proprietors.

3. SALARIES AND WAGES EARNED PER EMPLOYEE DURING YEAR.*

Item.	1936-37.	1937-38.	1938-39.	Increase on 1937-38.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Males	206 14 10	213 6 7	221 16 0	8 9 5
Females	83 17 5	86 7 7	87 3 7	0 16 0
Total	184 13 7	190 16 10	197 1 7	6 4 9

* Salaries and wages of working proprietors included in all averages.

4. VALUE OF FACTORY PREMISES AND PLANT.

Item.	1936-37.	1937-38.	1938-39.	Increase on 1937-38.
	£	£	£	£
Plant and machinery ..	9,130,748	9,402,792	9,749,679	346,887
Land and buildings ...	8,133,147	8,379,334	8,710,700	331,366
Total	17,263,895	17,782,126	18,460,379	678,253

5. VALUE OF OUTPUT AND PRODUCTION.

Item.	1936-37.	1937-38.	1938-39.	Increase on 1937-38.
	£	£	£	£
Output.....	34,528,176	36,239,937	35,005,264	—1,234,673
Per inhabitant	£ s. d. 58 13 10	£ s. d. 61 6 11	£ s. d. 58 17 10	£ s. d. —2 9 1
Value of production (the value added to material by process of treatment).				
Production value	£ 12,271,563	£ 13,820,155	£ 13,678,930	£ —141,225
Per inhabitant	£ s. d. 20 17 2	£ s. d. 23 7 11	£ s. d. 23 0 3	£ s. d. —0 7 8
Proportion represented by salaries and wages	% 61·27	% 60·74	% 62·49	% 1·75

6. FACTORIES AND WORKS IN CLASS GROUPS, 1938-39.

Class of Industry.	Estab- lish- ments.	Employees, Including W.P. (Average for Whole Year.)		Salaries and Wages (Inc. W.P.) Paid.	Cost of Fuel, Light, Lubri- cating Oil, and Water.	Cost of Material Used, Tools Replaced, Repairs, Etc.	Value of Output.	Value of Production (Added Value.)	Value of Land, Buildings, Plant, Machinery.
		M.	F.	£	£	£	£	£	£
I. Treatment of non-metalliferous metals, etc.	52	607	35	142,546	47,906	153,146	431,503	230,451	397,759
II. Bricks, Pottery, etc.	43	1,088	45	212,985	74,096	179,352	654,144	400,696	332,845
III. Chemicals, dyes, etc.	48	1,292	249	307,898	49,793	1,241,047	1,945,567	654,727	1,375,959
IV. Industrial metals, machines, vehicles, etc.	529	17,772	909	4,044,583	263,753	8,132,031	13,913,575	5,517,791	4,867,937
V. Precious metals, jewellery, etc.	22	168	13	32,309	2,309	25,487	70,421	42,625	45,624
VI. Textile and textile goods ..	37	809	447	183,704	25,773	1,090,787	1,410,407	293,847	399,725
VII. Skins and leather	28	258	236	70,938	2,002	134,509	233,940	97,429	81,910
VIII. Clothing	291	1,032	3,632	502,112	14,896	528,055	1,213,980	671,029	639,498
IX. Food, drink, etc.	552	5,150	1,216	1,251,853	220,540	6,717,378	9,463,656	2,525,738	4,365,207
X. Woodworking, etc.	168	1,952	73	392,934	19,324	1,004,539	1,602,590	578,727	519,099
XI. Furniture, bedding	89	1,034	165	206,515	8,101	319,762	607,567	279,704	231,403
XII. Paper, stationery, etc.	115	1,641	653	478,976	18,714	503,722	1,263,532	741,096	1,240,684
XIII. Rubber	27	150	28	30,854	3,333	37,838	90,194	49,023	80,542
XIV. Musical instruments	21	267	109	56,602	2,178	75,048	173,349	96,123	96,797
XV. Miscellaneous									
Total classes I. to XV. .	2,022	33,220	7,810	7,914,809	752,718	20,142,701	33,074,425	12,179,006	14,674,989
XVI. Heat, light, and power	45	2,186	155	632,653	264,819	166,096	1,930,839	1,499,924	3,785,390
Total 1938-39	2,067	35,406	7,965	8,547,462	1,017,537	20,308,797	35,005,264	13,678,930	18,460,379
Total 1937-38	1,980	36,274	7,810	8,412,975	949,858	21,469,924	36,239,937	13,820,155	17,782,126
Increase	87	-868	155	134,487	67,679	-1,161,127	-1,234,673	-141,225	678,253

7. QUANTITIES OF COMMODITIES PRODUCED.

Where the nature of the industry makes it possible, the quantities as well as the values of commodities are collected. The following are the chief items of those collected :—

Description.	Unit.	Quantities Produced.		
		1936-37.	1937-38.	1938-39.
Bacon and ham ..	lb.	7,140,112	5,812,506	5,554,944
Bark (ground)	ton	4,065	3,519	3,148
Biscuits	lb.	2,859,078	3,172,341	3,289,654
Boots and shoes ..	pair	522,253	549,931	660,069
Bran	ton	25,175	27,025	32,063
Bricks	No.	41,493,651	48,731,404	50,518,607
Butter	lb.	17,131,365	18,922,496	17,553,631
Cheese	lb.	12,164,717	15,516,879	18,457,298
Electricity	B.U.	223,925,107	240,902,861	256,282,233
Fertilizers				
(Chemical)	ton	233,455	242,776	235,149
Flour	ton	119,192	123,878	146,262
Gas	1,000 cub. ft.	1,119,278	1,154,878	1,181,975
Ice	ton	30,601	35,292	42,708
Jams and jellies...	lb.	7,568,150	7,346,631	6,748,473
Lard	lb.	257,645	215,379	244,990
Lime	ton	4,984	5,746	5,273
Malt.....	bush.	277,623	294,037	355,059
Motor Bodies	No.	40,009	49,079	39,346
Pickles	pint	1,353,823	1,442,662	1,677,221
Pollard	ton	21,788	23,059	24,979
Preserved fruits ..	lb.	4,379,963	6,463,156	4,545,244
Sauces	pint	2,152,655	2,254,417	2,359,707
Soap	cwt.	75,784	74,427	72,977

QUANTITIES OF COMMODITIES PRODUCED.—continued.

Description.	Unit.	Quantities Produced.		
		1936-37.	1937-38.	1938-39.
Spirits (Distilled) ..	pf. gall.	1,983,909	2,367,744	1,865,644
Sugar (refined) ...	ton	29,667	31,194	29,874
Tiles	No.	1,033,145	1,559,790	1,629,275
Wine	gall.	15,026,502	15,888,878	11,147,046
Vinegar	gall.	241,427	271,354	253,300

8. QUARTERLY INDEX FIGURES OF MID-MONTHLY EMPLOYMENT IN FACTORIES.

Index Figures (Mean 1929-30 = 100.)

Year.	Quarters.			
	Sept.	Dec.	March.	June.
1929-30	103	103	101	94
1930-31	81	74	71	70
1931-32	67	70	73	75
1932-33	74	79	82	83
1933-34	85	89	93	97
1934-35	98	101	104	112
1935-36	111	114	119	121
1936-37	120	123	129	136
1937-38	134	137	141	137
1938-39	133	135	140	135

NOTE.—Factory years 1937-38 (Maximum) = 138 ; Mean 5 years ended 1928-29 = 122 ; 1929-30 (Base) = 100 ; 1930-31 = 74 ; 1931-32 = 71 ; 1932-33 = 80 ; 1933-34 = 91 ; 1934-35 = 104 ; 1935-36 = 116 ; 1936-37 = 127 ; 1937-38 = 138 ; 1938-39 = 136.

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Statistical Office, Adelaide, 6th May, 1940.